

Elevator Safety Program Product Approval Requirements

Rev. 9-24-04

Introduction and purpose

In accordance with Wisconsin Elevator Code Comm 18.1013(1)(b)5 devices or components of devices covered by Comm 18 and installed in a building used by the public or as a place of employment must be shown to meet or exceed general requirements of the appropriate adopted standard. General requirements include but are not limited to safety factors, materials, welding and fastening.

Product approval does not include items unique to each installation that are reviewed as part of plan review and inspected prior to placing the device or component in service. These may include clearances and other items that vary with elevator load, speed, travel, building design, sprinklering, stand-by power, etc.

For elevators and other devices listed in Comm 18.1002(1)(a) through (m) the adopted standard is ASME A17.1 (2000), Safety Code for Elevators and Escalators.

For lifts listed in Comm 18.1002(1)(n), (o) and (p) the adopted standard is ASME A18.1a (2001), National Safety Standard for Platform Lifts and Stairway Chair Lifts.

It is the responsibility of the party wishing to install the device or component in Wisconsin to apply for product approval. Product approval must be obtained through this department when a device or component of a device is first introduced in Wisconsin or when a code change requires a previously approved system or component to meet a new, higher standard. Obtaining product approval alleviates the need to submit detailed product data for each subsequent installation as part of plan submittal, allowing for plan reviews to be conducted in a more efficient and timely manner.

Submittal of information for product approval often results in additional questions and requests for more information. To avoid delays product approval should be obtained well in advance of applying for plan review for the first installation.

Requirements for product approval.

Submit 1 and either 2A or 2B:

1). A description of the device or component. Include a description of the device or component including the trade name and/or model number, list of major components including name of manufacturer(s) or supplier(s), description of materials, diagrams or photographs and an explanation of the device or component operation. If a device submitted for product approval includes a safety device or governor, include the manufacturer, model number and description of those components.

2). Verification of general code compliance. Submit either A or B.

- A. A letter from a Wisconsin registered professional engineer must state that the device or component has been designed to meet or exceed all applicable requirements of the appropriate adopted standard. The letter must bear the original stamp and signature of the Wisconsin registered professional engineer and must include the trade name or model number of the device or component and the indicate the appropriate standard.

For information regarding temporary Wisconsin PE registration, contact the Dept. of Regulation and Licensing at www.drl.state.wi.us, phone: (608) 266-5511 or by writing

Bureau of Business and Design Professions - Engineers
Department of Regulation and Licensing
1400 E. Washington Avenue
PO BOX 8935
Madison, WI 53708-8935

OR

- B. A letter, certificate or listing by a recognized third party testing laboratory such as UL or CSA must state that the device or component has been designed to meet or exceed all applicable requirements of the appropriate adopted standard. This must include the trade name or model number of the device or component and indicate the appropriate standard. A listing limited to electrical components must include A above for the remainder of the device or component.

European or other standards are not appropriate standards for determining compliance with standards adopted by Comm 18. Letters, certificates or listings based on them will not be accepted.

Calculations or finite element analysis will not be accepted in lieu of a letter, certificate or listing and will not assist in the product approval process.

Fees

At this time there is no fee for obtaining product approval through the elevator safety program.

Department letter of approval

Once the requirements of product approval are met, this department will issue an approval letter to the party requesting the approval.

Contact

For questions regarding the product approval process contact Brian Rausch by phone at (262) 521-5444, fax (262) 548-8614 or e-mail at brausch@commerce.state.wi.us.

Send product approval information to the elevator safety program at:

Safety & Buildings Division
Elevator Safety Program
141 NW Barstow St, 4th Fl.
Waukesha, WI. 53188